

033004
17264 U.S. PTO

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Express Mail No. EV336677352US

Attorney Docket No. 330498004US

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 330498004US

First Inventor David M. Hadley

Title METHODS FOR QUANTIFYING THE MORPHOLOGY AND AMPLITUDE OF CARDIAC ACTION POTENTIAL ALTERNANS

Express Mail Label No. EV336677352US

2387 U.S.P.T.O.
10/8/15 290

033004

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 39]
(preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 20]

5. Oath or Declaration [Total Pages 3]
a. Newly executed (original or copy)
b. Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. CD-ROM or CD-R (2 copies); or
ii. paper
c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 C.F.R. §3.73(b) Statement Power of (when there is an assignee) Attorney

11. English Translation Document (if applicable)

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. Other: Check

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No. _____ / _____

Prior application Information: Examiner _____ Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

 Claims the benefit of _____ Application No. _____

17. CORRESPONDENCE ADDRESS

 Customer Number

25096

or Correspondence address below

PATENT TRADEMARK OFFICE

Name (Print/Type)	Paul T. Parker	Registration No. (Attorney/Agent)	38,264
Signature	<i>PT Parker</i>	Date	March 30, 2004

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$990)

Complete if Known	
Application Number	
Filing Date	March 30, 2004
First Named Inventor	David M. Hadley
Examiner Name	
Art Unit	
Attorney Docket No.	330498004US

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Other None Order
 Deposit Account:

Deposit Account Number 50-0665

Deposit Account Name Perkins Coie LLP

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments

 Charge any additional fee(s) during the pendency of this application

 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee	Fee	Fee	Fee Description	Fee Paid
Code		(\$)	Code	(\$)		
1001	770	2001	385		Utility filing fee	770
1002	340	2002	170		Design filing fee	
1003	530	2003	265		Plant filing fee	
1004	770	2004	385		Reissue filing fee	
1205	160	2005	80		Provisional filing fee	
		SUBTOTAL (1) (\$)		770		

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Fee from				
		Extra Claims	below		Fee Paid	
Total Claims	30	-20** =	10	X 18 =	180	
Independent Claims	3	- 3** =	0	X 86 =	0	
Multiple Dependent				=	0	

Large Entity Small Entity

Fee	Fee	Fee	Fee	Fee Description
Code	(\$)	Code	(\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent
		SUBTOTAL (2) (\$)		180

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee	Fee	Fee	Fee Description	Fee Paid
Code		(\$)	Code	(\$)		
1051	130	2051	65		Surcharge - late filing fee or oath	
1052	50	2052	25		Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130		Non-English Specification	
1812	2,520	1812	2,520		For filing a request for ex parte reexamination	
1804	920*	1804	920*		Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*		Requesting publication of SIR after Examiner action	
1251	110	2251	55		Extension for reply within first month	
1252	420	2252	210		Extension for reply within second month	
1253	950	2253	475		Extension for reply within third month	
1254	1,480	2254	740		Extension for reply within fourth month	
1255	2,010	2255	1,005		Extension for reply within fifth month	
1401	330	2401	165		Notice of Appeal	
1402	330	2402	165		Filing a brief in support of an appeal	
1403	290	2403	145		Request for oral hearing	
1451	1,510	1451	1,510		Petition to institute a public use proceeding	
1452	110	2452	55		Petition to revive - unavoidable	
1453	1,330	2453	665		Petition to revive - unintentional	
1501	1,330	2501	665		Utility issue fee (or reissue)	
1502	480	2502	240		Design issue fee	
1503	640	2503	320		Plant issue fee	
1460	130	1460	130		Petitions to the Commissioner	
1807	50	1807	50		Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180		Submission of Information Disclosure Stmt	
8021	40	8021	40		Recording each patent assignment per property (times number of properties)	40
1809	770	2809	385		Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385		For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385		Request for Continued Examination (RCE)	
1802	900	1802	900		Request for expedited examination of a design application	
Other fee (specify) _____						

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 40

SUBMITTED BY		(Complete if applicable)		
Name (Print/Type)	Paul T. Parker	Registration No. (Attorney/Agent)	38,264	Telephone (206) 359-3258
Signature			Date	March 30, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.